

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): K. INOUE et al
Serial No.: (New Divisional application under 37 CFR §1.53[b] of
U.S. Application Serial No. 09/698,186)
Filed: On Even Date Herewith
For: SEMICONDUCTOR DEVICE AND METHOD FOR
PRODUCING THE SAME
Group: 2811
Examiner: D. OWENS

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & §1.98

MS: PATENT APPLICATIONS

Commissioner For Patents
POB 1450
Alexandria, VA 22313-1450

April 16, 2004

Sir:

In the matter of the above-identified application, applicants are attaching hereto, in a form equivalent to Form PTO-1449, a listing of all the art documents of record (cited by the Examiner/submitted by applicants) in the chain of continuing applications (as listed on page 1 of the Specification), pursuant to the duty of disclosure/candor requirements.

This Information Disclosure Statement is being submitted concurrently with the filing of the above-identified divisional application and, therefore, this IDS meets the requirements pursuant to 37 CFR §1.97(b).

As to the requirement of 37 CFR §1.98(a)(3) for any concise explanation of relevance to the extent that any of the listed documents is not in the English language, this is met by: the discussion thereof in the prosecution history and in

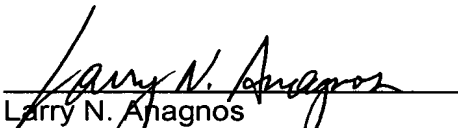
the background section of the Specification, the submission of English language Abstracts, submission of any relevant translation of foreign Office Action(s), and the citation by the Examiner in connection with the prior application.

It is understood that since copies of the listed documents should be available in the file wrapper of the prior application, copies thereof are not included herewith, consistent with 37 CFR §1.98(d) and pursuant to the guidelines set forth in MPEP §609.

It is submitted this IDS is in compliance with the rules of practice as well as with USPTO guidelines. Therefore, applicants respectfully request that it be entered and duly considered by the USPTO. Also, acknowledgment of entry as well as of formal consideration thereof by the Examiner is respectfully requested.

If any costs are due in accordance with the filing of this Information Disclosure Statement, please charge same to the account of Antonelli, Terry, Stout & Kraus, LLP, Account No. 01-2135 (500.39252VX1).

Respectfully submitted,
ANTONELLI, TERRY, STOUT & KRAUS, LLP


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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	R53(b) DIV. of S. N. 09/698,186
		Filing Date	April 16, 2004
		First Named Inventor	INOUE, KOSUKE
		Art Unit	2811
		Examiner Name	D. OWENS
Sheet 1 of 3	Attorney Docket Number	500.39252VX1	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US- 6,313,532		11-2001	Shimoishizaka et al	
		US- 4,983,023		01-1991	Nakagawa et al	
		US- 6,037,662		03-2000	Yoon et al	
		US- 5,442,482		08-1995	Johnson et al	
		US- 5,887,520		03-1999	Kinoshita, Makoto	
		US- 6,287,893		09-2001	Elenius et al	
		US- 6,472,249		10-2002	Kuwabara, Osamu	
		US- 6,472,724		10-2002	Matsuzawa et al	
		US-2002/0076651		06-2002	Hurditch et al	
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 05-175260A	07-1993	Shirasaki		
		WO 00/52755	08-09-2000			
		WO 96/09645	03-28-1996			
		JP 9-219421	08-19-1997			
		JP 9-321084	12-12-1997			
		JP 10-092865	10-04-1998			
		WO 98/025298	11-06-1998			
		JP 11-054649	02-26-1999			
		WO 99/23696	05-14-1999			
		JP 11-191571	07-13-1999			
		JP 11-354560	12-24-1999			
		JP 11-191571	07-13-1999			

Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	R53(b) DIV. of S.N. 09/698,186
		Filing Date	April 16, 2004
		First Named Inventor	INOUE, KOSUKE
		Art Unit	2811
Examiner Name	D. OWENS		
Sheet 2 of 3	Attorney Docket Number	500.39252VX1	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
		JP 2000-164761		06-16-2000			
		JP 7-202362		08-04-1995			
		JP 11-274365		10-08-1999			
		JP 11-191572		07-13-1999			
		JP 11-147950		06-02-1999			
		JP 10-242333		09-11-1998			
		JP 8-274243		10-18-1996			
		JP 9-199635		07-31-1997			
		JP 11-204678		07-30-1999			
		JP 2001-118956		04-27-2001			
		JP 11-274155		10-08-1999			
		JP A-11-111768		04-23-1999			
		JP 11-299058		04-27-2001			

Examiner Signature		Date Considered	
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			Application Number	R53(b) DIV. of S.N. 09/698,186	
			Filing Date	April 16, 2004	
			First Named Inventor	INOUE, KOSUKE	
			Art Unit	2811	
Examiner Name	D. OWENS				
Sheet	3	of	3	Attorney Docket Number	500.39252VX1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Dictionary of Mounting Technology in Electronics, Jan. 20, 1992, p. 103	
		2000-333526 - Partial English translation of Official Action mailed 10/29/02	
		2000-333528 - Partial English translation of Official Action mailed 10/29/02	

Examiner Signature		Date Considered	
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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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